G236

high precision counting scale

Description

General
High resolution, expandable from 5,000d - 125,000d.

Large capacity offering - 5 kg, 12 kg, 25 kg, 50 kg.

High accuracy T750 vibrating beam load cell provides 1 part in two million counts.

High quality, durable design allows for use in rugged warehouse environments.

Large dished weigh pan allows for larger platform of sampling and counting.

Optional field installed remote analogue base PCB. Sample on G236, count using remote base.

Numeric keyboard for manual entry of piece weight, tare weight, or sample size.

Dedicated function keys for ease of operation.

Count by automatic, manual sampling or piece weight entry method.

Recall piece weight or tare weight.

Specification

Capacities & Displayed Resolution

Local, Non-Approved Configurable Displayed Resolution Settings
Configure scale to meet customer application.

	Configurable Displayed Resolution Settings - kg				
Scale Capacity	5,000 - 6,000 d	10,000 - 12,500 d	Factory Default	50,000 - 60,000d	100,000 - 125,000d
5 kg	0.001	0.0005	0.0002	0.0001	0.00005
12 kg	0.002	0.001	0.0005	0.0002	0.0001
25 kg	0.005	0.002	0.001	0.0005	0.0002
50 kg	0.01	0.005	0.002	0.001	0.0005

	Configurable Displayed Resolution Settings - g				
Scale Capacity	5,000 - 6,000 d	10,000 - 12,500 d	Factory Default	50,000 - 60,000d	100,000 - 125,000d
5,000 g	1	0.5	0.2	0.1	0.05
12,000 g	2	1	0.5	0.2	0.1
25,000 g	5	2	1	0.5	0.2
50,000 g	10	5	2	1	0.5

Local EU Approved Displayed Resolution Settings
G236 is type approved up to 10,000d in single range, or use two-stage AVR settings at 6,000 divisions.

Scale Capacity	AVR Stage 1	AVR Stage 2
5 kg	0 - 3 kg x 0.0005 kg	3 - 5 kg x 0.001 kg
12 kg	0 - 3 kg x 0.0005 kg	3 - 12 kg x 0.002 kg
25 kg	0 - 6 kg x 0.001 kg	6 - 25 kg x 0.005 kg
50 kg	0 - 12 kg x 0.002 kg	12 - 50 kg x 0.01 kg

Optional Analogue Remote Platform

EU Approved as indicator up to 6,000d.

Remote platform capacity configurations available for 60 kg, 150 kg, 300 kg, 600 kg, 1,200 kg/ 1,500 kg, 3,000 kg, 6,000 kg, and 12,000 kg.

Selectable division settings of: single range up to 60,000d; two-stage AVR; or three-stage AVR setting.

Count Accuracy

Internal Resolution
Local Platform - up to 25,000,000 counts.

Remote Platform - up to 4,175,000 counts.

Counting Resolution
1 part in 2,000,000.

Displayed & Piece Weight Entry
Displayed, or enter via key pad up to six decimal places, up to 0.000002g.

Maximum Displayed Count
Up to 9,999,999 pieces.

Minimum Sample Weight
Established via accuracy range setting.

	Minimum Accuracy Setting			
	Off	95%	98%	99%
	Minimum Sample Required (% of Scale Capacity)			
	0.002 %	0.004%	0.01 %	0.02 %
Scale Capacity	**Minimum Sample Weight Required (grams)**			
5 kg	0.1	0.2	0.5	1
12 kg	0.24	0.48	1.2	2.4
25 kg	0.5	1	2.5	5
50 kg	1	2	5	10

Auto Minimum Sample Weight
Standard, if the minimum sample weight is not achieved to reach the desired accuracy, the scale will automatically prompt the operator to add more sample weight without starting the count process again.

Counting Features

The counting features of the G236 allow the flexibility to configure the scale to best match the individual operator's needs.

Grams Piece Weight Entry
Allows entry of a piece weight in grams, when scale is configured for kg.

Sample & Counting Methods
A choice of bulk, dribble and two reverse counting modes.

Sample Size
Configure the displayed default sample size to 1, 2, 5, 10, 25, 50, or 100. Use the keyboard to manually enter a sample size.

Piece Weight Update
Automatically updates displayed piece weight until the gross weight has reached twice the original sample weight.

Piece Weight Rounding
Helps to ensure more accurate, repeatable piece weights when rounded by 0.5%, 1% , or 2%.

Auto Platform-Switching
Perform sampling on the local platform, the scale will automatically switch to the remote platform for counting.

Filter Setting
Selection of 'Slow' for counting stability or 'Fast' for quicker display response.

AZT Setting
Selections of Off, 0.5d, 1d, 2d, 3d or 5d.

Stability Settings
For use in setting motion window for zero an d tare acceptance, printing and stability annunciator. Selections are Off, 0.25, 0.5, 1, 2, or 5 divisions per second.

Construction

Base
Die-cast aluminium, grey texture base.

Load Bridge
Die-cast aluminium.

Weigh Pan
5 kg capacity: Stainless steel, 203 mm diameter.

12 kg/25 kg/50 kg capacities: Stainless steel, 345 mm wide x 305 mm deep.

Display

Seven, 12.7 mm, seven segment, high contrast black LCD with blue electro-luminescent back light.

Back Light Settings
Increases battery life or configure for lighting conditions. On, Off, or Auto.

Idle Mode
Increases battery life or configure power savings. Configurable for Off, 5, 10, 20, 30 or 60 minutes

Units of Measure Switching
Selectable for kg, grams or kg and grams.

5 kg model with round pan

Keyboard

Reinforced polycarbonate, wipe down, tactile keyboard with the following dedicated keys:

0 - 9 keypad	Clear
Recall/decimal point	Sample
Tare	Zero
Count/Weight	Print
Piece Weight	Remote
	Base

Display Annunciators - Display legends illuminate to indicate the following:

Count Mode	Weight Mode
Net Weight	Preset Tare
Kg	Grams
Local Base	Remote Base
Low Battery	Stable
Tare	Zero

Serial Output

Single, bi-directional RS232 port, 9-pin DE type female connector provides interface to PC, label printer, or host device.

Configurable baud rate (1200 - 19200), data bit (7 or 8) and parity settings (even, odd, none).

Three label formats for Zebra LP2844 and Dymo Costar 300 label printers. See user manual for detail examples.

Eight label formats for dot matrix printers using ACII text. See user manual for detail examples.

PC and NCI protocol for interface to computers. See user manual for detail examples.

Broadcast serial output for interfacing to E series indicators, when used as a remote display. See user manual for detail examples.

Service and Diagnostics

Alternate Calibration Weights
Simplifies field calibration of local base only.

	Calibration Weights		
Scale Capacity	**Full Scale**	**Alt 1**	**Alt 2**
5 kg	5 kg	2 kg	1 kg
12 kg	12 kg	5 kg	2 kg
25 kg	25 kg	10 kg	5 kg
50 kg	50 kg	25 kg	5 kg

Diagnostics Menu
Provides real-time data for trouble shooting.

Overload: Displays number of capacity overloads that have occurred

Audit Trail: Displays number of times configuration and calibration have been changed.

Load Default: Loads default factory configuration settings.

Save Configuration: Saves all modifications to configuration settings

Restore Configuration: Restores last saved configuration settings.

Battery: Displays current battery voltage.

Environment

Operating Temperature
+ 5˚C to + 40˚C.

10 to 90% humidity, non-condensing.

Electrical Data

Universal Mains
Input: 100 - 240 V, 0.5 - 0.2 A 50/60Hz.

Output: 9 V, 1.84 A
In-line power supply with universal three pin inverted plug (UL and CE approved).

Power Cord & Universal Plug Adapters
Includes a two metre power cord and universal plug adapters for UK and Continental Europe.

Optional External Battery
Sealed lead acid 12 V DC battery, with a full charge of 6.8 ±0.1volts at 2.8 AH.

Amp Hours	2.8
Charge Time	8 hours
Low Battery Message	1 hour
Estimated Life of Battery	400-450 charges
Operating Hours	
Back Light ON	15 hours
Back Light OFF	20 hours
Remote Analogue, Back Light ON	9 hours
Remote Analogue, Back Light OFF	10.5 hours

Battery installs into the AC mains adapter recess, located in the base of the scale.

Stamping

The G236 is approved for trade use for weight only for capacities up to 50 kg.

Approval Number UK: 2786

Options

1.
Field Installed external battery-pack (see electrical data).

2.
Remote battery charger
(can charge two external battery packs at the same time).

3.
Draught shield.

4.
Ball-top weigh plate (9 roller-balls).

5.
Remote analogue base kit.

6.
Three metre display extensions cable (for wall mounting of display).

7.
Zebra LP2844 printer lead.

8.
RS232 interface lead.

Optional draught shield.

G236 with accessories.

Weight

8.4 kg (Approx).

Shipping Specification

Net
8.4 kg.

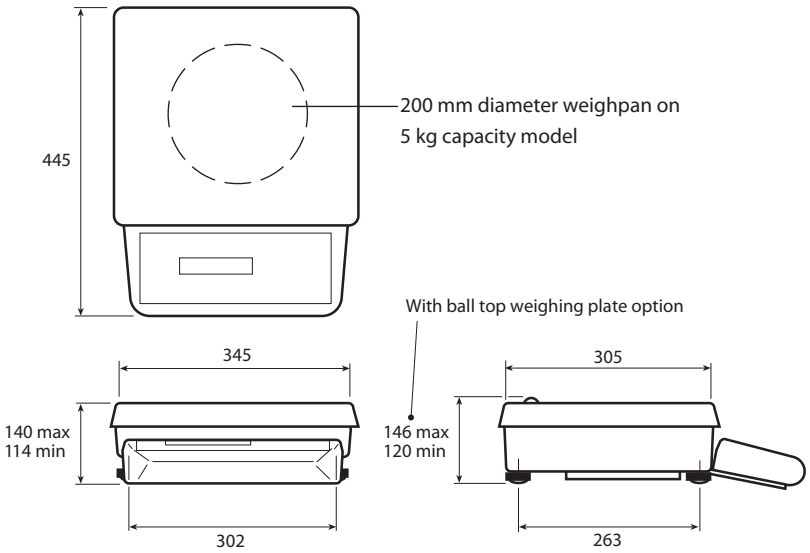
Gross
11.0 kg.

Measurement
590 mm x 525 mm x 275 mm.

No. of Packages
One.

Harmonised Commodity Code
842382 91 0.

Dimensions



All dimensions in millimetres

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